BILL NO. S-83-02-15

SPECIAL ORDINANCE NO. S-43-83

AN ORDINANCE approving Change Order No. 10 and FINAL, Resolution No. 310-80 Phase I, St. Joe Interconnect, St. Joe Study Area C-180599-06, in connection with the Board of Public Works.

BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA:

SECTION 1. That Change Order No. 10 and FINAL, Resolution No. 310-80, Phase I, St. Joe Interconnect, St. Joe Study Area C-180599-06, with Rocco Ferrera & Co., Inc., in connection with the Board of Public Works, for:

> a close out change order to adjust the estimated quantities in the contract unit price to agree with actual quantities installed under this project;

involving a net increase in the amount of Nine Hundred Seventy-Five and 04/100 Dollars ($975.04), all as more particularly set forth in the specifications, and which is on file with the Office of the Board of Public Works, and is by reference incorporated herein, made a part hereof and is hereby in all things ratified, confirmed and approved.

SECTION 2. That this Ordinance shall be in full force and effect from and after its passage and any and all necessary approval by the Mayor.

Victoria L. Scruggs
Councilmember

APPROVED AS TO FORM
AND LEGALITY

Bruce O. Boxberger, City Attorney

Read the first time in full and on motion by Scruggs, seconded by Talarico, and duly adopted, read the second time by title and referred to the Committee City Utilities (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on _____, the _____ day of _____, 19___, at _____ o'clock ___.M.,E.S.T.

DATE: 2-8-83

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Read the third time in full and on motion by Scruggs, seconded by Stier, and duly adopted, placed on its passage. PASSED (LOST) by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT	TO-WIT:
TOTAL VOTES	8	0		1	
BRADBURY	X				
BURNS	X				
EISBART	X				
GiaQUINTA				X	
SCHMIDT	X				
SCHOMBURG	X				
SCRUGGS	X				
STIER	X				
TALARICO	X				

DATE: 2-22-83

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL) (APPROPRIATION) ORDINANCE (RESOLUTION) NO. S-43-83 on the 22nd day of February, 1983.

ATTEST:

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

(SEAL)

Barbara A. Talarico
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 23rd day of February, 1983, at the hour of 11:30 o'clock A.M.,E.S.T.

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Approved and signed by me this 28th day of February 1983, at the hour of 4 o'clock P.M.,E.S.T.

Win Moses Jr.
WIN MOSES, JR. - MAYOR

CHANGE ORDER

Change Order No. 10 and Final
Project No. C-180599-06
Name of Project: St. Joe Interconnect Interceptor

Resolution No. 310-80 Phase I
Board Order No. 15-80
Date: 1/18/83

To: Rocco Ferrera & Co., Inc.
(Contractor)

72-191-23
1/26/83

Gentlemen:

You are hereby requested to comply with the following changes from the contract plans and specifications:

Item No.	Quantity	Description of Change: Description	Unit Price	Change in Contract Price: Decrease	Increase
		See Attached			
			Total Decrease	119,710.33	
			Total Increase		120,685.37
		Net ~~(Decrease)~~ (Increase)	Contract Price		975.04

The sum of $ 975.04 is hereby (added to) ~~(deducted from)~~ the total contract price and the final contract price shall be adjusted as follows:

Original Contract Price	$ 3,059,065.00
Current Contract Price Adjusted by Previous Change Order	$ 3,492,331.06
New Contract Price including this Change Order	$ 3,493,306.10

The time provided for completion in the contract for this project is (unchanged) ~~(increased)~~ ~~(decreased)~~ by -0- calendar days due to this Change Order. The date for completion of all work shall be N/A. Furthermore, this document shall become an amendment to the contract and all provisions of the contract shall apply hereto.

Recommended by: C Duane Embury Chief Engineer Date 1/18/83

Accepted by: Augustine Ferrera, Sec Contractor Date 12/27/82

Approved by: [signature] City Engineer Date 1/20/83

Approved by: [signature] Owner Date 1-26-83

[signature]

[signature]

Attested by: Sandra E Kennedy Clerk Date 1-26-83.

ATTACHMENT TO CHANGE ORDER

St. Joe Study Area C-180599-06 - B.O. 15-80

Resolution 310-80 Phase I

Rocco Ferrera & Co., Inc., Contractor

Item No.	Quantity	Description of Change	Unit Price	Change in Contract Price	
		Description		Decrease	Increase
1	47.4 LF	84" RCP Class III ASTM C-76	255.00	12,087.00	
2	105 LF	84" RCP Class II ASTM C-76	246.00	25,830.00	
3	25 LF	68" x 106" RCP HE III ASTM C-76	336.00	8,400.00	
10	418.26CY	#53 or #73 Special Backfill	10.75	4,496.29	
10*	395 CY	#53 or #73 Special Backfill	10.75		4,246.25
11	7 LF	Tunnelling (Anthony Boulevard)	1,125.00		7,875.00
12	196.65Tn	HAC Base 440 #/SYD	28.00		5,506.20
12*	232 Tn	HAC Base 400 #/SYD	28.00		6,496.00
13	203.43Tn	HAC Binder 330 #/SYD	26.00	5,289.18	
13*	167 Tn	HAC Binder 330 #/SYD	26.00		4,342.00
14	388.6 Tn	HAC Surface 220 #/SYD	29.00	11,269.40	
14*	66 Tn	HAC Surface 220 #/SYD	29.00		1,914.00
15	678.69LF	Concrete Curb Replacement	9.00	6,108.21	
15*	675 LF	Concrete Curb Replacement	9.00		6,075.00
16	2466.7 SF	4" Sidewalk Replacement	2.65	6,536.75	
16*	2683 SF	4" Sidewalk Replacement	2.65		7,109.95
17	103.65SF	6" Wingwalk Replacement	2.75	285.03	
17*	103 SF	6" Wingwalk Replacement	2.75		283.25
			Total Decrease		
			Total Increase	CONTINUED	NEXT PAGE
	Net (Decrease)(Increase)		Contract Price		

ATTACHMENT TO CHANGE ORDER

St. Joe Study Area C-180599-06 - B.O. 15-80

Resolution 310-80 Phase I - Interconnect

Item No.	Quantity	Description of Change Description	Unit Price	Change in Contract Price Decrease	Increase
18	38.5 LF	12" Sewer Pipe Removal and Replace and/or Relocation w/RCP C1 IV	18.00	693.00	
19	132 LF	6"-10" Sewer Pipe Removal and Replace	18.00		2,376.00
20	193 LF	Removal of 18" Sewer Pipe	5.00	965.00	
21	14 LF	Existing 48" 2 Ring Brick Sewer			
		to be replaced and slip lined w/42"			
		steel liner plate (all labor and			
		grouting included)	270.00	3,780.00	
22	5 LF	Exist. 30" Swer to be replaced w/30"			
		RCP CL IV	65.00	325.00	
24	8 EA	STD. MH Type I-A	1,870.00		14,960.00
25	10 EA	Std. Inlet Type I-C, D, E or F	670.00	6,700.00	
26	6 EA	Std. Catchbasin Type I-A	1,215.00		7,290.00
27	25 LF	72" RCP Removal and Replacement	237.00	5,925.00	
28	25 LF	42" RCP Removal and Replacement	122.00	3,050.00	
29	15 LF	21" RCP Culvert Extension	30.00		450.00
30	28 LF	21" Sewer Pipe Replacement	40.00	1,120.00	
31	26.5 LF	12" C.L.D.I.P. Class 51	45.00	1,192.50	
32	20.5 LF	18" C.L.D.I.P. Class 51	50.00		1,025.00
			Total Decrease		
			Total Increase	CONTINUED NEXT PAGE	
		Net (Decrease)(Increase)	Contract Price		

ATTACHMENT TO CHANGE ORDER

St. Joe Study Area C-180599-06 - B.O. 15-80

Resolution 310-80 Phase I

Item No.	Description of Change			Change in Contract Price	
	Quantity	Description	Unit Price	Decrease	Increase
33	4080.09SY	Seed and 2" Mulch	0.50		2,040.04
34	670.5 LF	Dewatering	5.00	3,352.50	
34*	667.7 LF	Dewatering	5.00		3,338.50
36	2 LF	84"' RCP Class IV ASTM C-76	225.00		450.00
38	176.45CY	Base Stabilization	8.00		1,411.60
39	165.83SY	6" Concrete (Driveways)	19.00	3,150.77	
39*	161 SY	6" Concrete (Driveways)	19.00		3,059.00
41	2.26LF	Water Main Replacement and Relocation	35.00	79.10	
43	2 LF	Underground Cables & Conduits Replace			
		and Relocate (inc. bracing poles and			
		precast MH Replacement)	70.00	140.00	
44*	2 EA	Replace of Trees (3" Diameter)	630.00	1,260.00	
56	402 CY	Special Backfill "B" Borrow	9.00	3,618.00	
57*	77 LF	Lowering of 84" Sewer	17.52		1,349.04
58	646.5 LF	6" Concrete Pavement Removal	6.00	3,879.00	
58*	1288 SY	6" Concrete Pavement Removal	6.00		7,728.00
59	47 LF	Line Cutting	3.80	178.60	
60	30.39SY	8" Concrete (Driveways)	24.00		729.36
			Total Decrease		
			Total Increase	CONTINUED NEXT PAGE	
	Net (Decrease)(Increase)		Contract Price		

ATTACHMENT TO CHANGE ORDER

St. Joe Study Area C-180599-06 - B.O. 15-80

Resolution 310-80 Phase I

Rocco Ferrera & Co., Inc., Contractor

Item No.	Quantity	Description of Change Description	Unit Price	Change in Contract Price Decrease	Increase
60*	54 SY	8" Concrete (Driveways)	24.00		1,296.00
63	Lump Sum	Bulkhead Remove at Ex. Str.	LS		16,187.63
64*	Lump Sum	Gas Main Obstruction on Tennessee	LS		444.00
65*	Lump Sum	Pipe footage discrepancy between			
		contracts Phase I and II	LS		3,924.86
66*	Lump Sum	Raising of sidewalk grade at Church			
		and Crescent	LS		80.00
67*	Lump Sum	Raise sidewalk grades along Tennessee			
		on Northside	LS		1,790.00
68*	Lump Sum	Lowering of existing road grades			
		along Tennessee	LS		2,444.00
69*	Lump Sum	Downtime Costs incurredon Lake Avenue			
		and Morton/Tilden	LS		1,572.28
70	Lump Sum	Delivery of 12" Truss Pipe	LS		2,892.41

*Partially or fully non-grant eligible items.
See Supplement Sheeet for summary.

Total Decrease	119,710.33	
Total Increase		120,685.37
Net (~~Decrease~~)(Increase) Contract Price		975.04

Change Order No. 10 and Final

Resolution No. 310-80 Phase I

Board Order No. 15-80

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change:

See Attached

2. Will proposed change alter size of the project? Yes ____ No X

If yes, explain

3. Affect on operation and maintenance cost of this project:

NA

Gregory J. Merrill 1/18/83

Project Engineer

JUSTIFICATION FOR CHANGE ORDER #10 and FINAL
ST. JOE STUDY AREA - C-180599-06 - B.O. 15-80
Resolution 310-80 Phase I - "Interconnect"

Rocco Ferrera & Co., Inc., Contractor

Items #1, 2, 3, and 36

The above items represent substantital decreases based on actual field measurements. The final footage also includes footage of radius pipes which fall outside the limits of original structure per change order #1 (reference form 5700-1).

Item #10

Final quantity represents minor decrease. This item was dicussed in depth in a previous change order and was used for most part as street subbase and for backfilling across major streets. Part of this item has been found non-grant eligible and the quantity listed in the change order was used on approaches (side streets), which constitutes street improvement per discussion with Army Corps of Engineers.

Item #11

At time of field location of existing utilities, it was revealed that the existing 12" water main which was shown on original plans being on the west side of Anthony Boulevard was actually on the east side of Anthony approximately 19 to 20 LF west of the east right-of-way line of Anthony Boulevard. This resulted in a direct conflict with the shaft pit which was to be located on the east side of Anthony Boulevard. The decision was, therefore, made to move the tunnel further east. This change order reflects the increase which was authorized by the Engineering Department.

Items #12, 13 and 14

Final tabulation of asphalt tickets indicate increases and decreases. Item #12 has increased significantly since total pavement replacement was done from curb to curb. The other items show decreases. Part of the above items have been noted as non-grant eligible and the quantities shown were used on approaches (side streets) which constitute street improvement per discussion with the Army Corps of Engineers.

Items #15, 16, 17, 39 and 60

The above items represent mostly minor decreases based on actual field measurements. Part of the above items have been noted as non-grant eligible in this Change Order and the quantities shown are related to raising or loweirng of street grades which constitutes street improvement per discussion with the Army Corps of Engineers.

Items #18, 19, 20, 21, 22, 24, 25, 26, 27, 28, 29, 30, 31 and 32

All the above final quantities are based on inspection prints and their reports . They will be reflected on as-builts. Items #27 and 28 were never used on this project.

Item #33

This item represents a slight increase and is based on actual field measurements. The contractor had seeded twice the area, but compensation was only give on easement width where applicable.

Item #34

The above item was also listed in previous Change Order #7. Part of this item is non-grant eligible per Indiana State Board of Health and Army Corps of Engineer's approval Change Order #7. Hence, this item in this Change Order is just for balancing purposes.

Item #38

The majority portion of this project required anywhere from foot to two feet of base stabilization. The final quantity is based on inspector's records.

Items #41 and 43

The increases and decreases on the above items were included in previous Change Orders and this Change Order merely balances out the final quantity.

Item #44

Actual tree count done reflects a decrease of two (2) trees. Part of this item is non-grant eligible per Army Corps of approval Change Order#3 and the cost's noted on the Supplement Sheet.

Item #56

Final quantity reflects a slight decrease from the original bid quantity. This item was created in a previous change order and was used on various locations for backfilling where clay pockets were encountered under the pavement. Most of the project, however, was backfilled with spoil.

Item #57

This item was also incorporated in a previous change order and part of this item is non-grant eligible per Army Corps of Engineering approval Change Order #3.

This item also includes an extra cost of $2,349.48. This was the result of profile discrepancy between Str. SJ-3 and SJ-5, which resulted in deeper excavation for the contractor. The above cost was negotiated down from $2,986.55, (reference attached correspondence and negotiations). This was reimbursed to the contractor under the above bid item as follows: $2,349.48/$17.52 = 134 LF This footage is included in the final quantity.

Summary Bid Item # 57	
Estimated Quantity Previous Change Order #3	1,320± LF
Actual lowering Morton & Tilden up to Tennessee	1,263 LF
Add profile discrepancy	134 LF
FINAL QUANTITY	1,397 LF

The profile discrepancy shall be shown on the as-built plans.

Item #58 and 59

Both of the items reflect final measured quantity. Both of the above items were incorporated in a previous change order and part of Item #58 is noted as non-grant eligible. The quantity listed was related to approaches (side streets) where the existing concrete pavement was removed for the new pavement and, hence, constitutes street improvement, per discussion with Army Corps of Engineers. The contractor was compensated for full width of concrete pavement removal on Tennessee, California and Lake Avenues and half of Tilden Avenue since the other half was included in the original bid.

Item #63

During the pre-bid conference it was stated and strongly advised by the City to the bidding contractors, that the connection at existing structure on Resolution 310-80 Phase I should be in the early morning hours on a given Sunday, providing that there existed a period of at least four (4) days prior to that particular Sunday. This would enable the Treatment Plant to keep the level of the sewage in the existing structure to the lowest possible level which was stated in the conference at two (2) feet. Several weeks back after a lengthy meeting with the Treatment Plant Personnel,the contractor was ready to break in the existing wall which was 16" thick and reinforced with #11 and #5 bars. The new 84" line was also pumped out prior to actual break in. The contractor started working around the clock, starting on 25 June 1982 (Saturday), but by the time the contractor was ready to break in, the level of sewage was still six to seven feet on the other side at about 3:00 A.M. Sunday. Due to unforseen circumstances it was evident that the operation was going to be unsuccessful. Therefore, the contractor abandoned the operation at about 6:00 A.M. for a later date until more information and data could be gathered. The above work was however, included in the contractor's original bid cost.

In order to try the break in again, the contractor requested additional compensation. After several meetings, it was agreed upon that the contractor would be compensated and was, therefore, asked to submit a reasonable cost estimate. This cost was $16,187.63 and then the contractor was ready to break in again. Prior to the second break in, the Engineering Department in conjunction with the Treatment Plant personnel, performed a series of test runs to gather more data and, therefore, were able to supply the contractor with more accurate information. After a detailed meeting with the Treatment Plant Personnel, we also discovered that the variable speed pumps were functioning, which was not the case previously.

Therefore, the second break in was a successful one and the work was completed in a satisfactory manner. After the second tie-in, the contractor submitted actual costs borne by them in the amount of $22,911.57, which was 30% over their estimate and was refused by this Department. Therefore, the Engineering Department held firm on the original estimate. The attached correspondence between the Engineering Department and the Contractor is explained in depth and is self-explanatory.'

Item #64

As construction progressed on Tennessee Avenue, it was brought to the Engineering Department's attention by the contractor that a 4" gas main was encountered in the alley at Sta. 96+80 on Tennessee Avenue. This specific gas main was not shown on the original construction plans and, therefore, neither party had any prior knowledge of it being there. Being an older part of the City, it is not unusual for a utility company to know specifically what is where underground. The contractor, therefore, requested extra compensation to work around this obstruction which took an additional 3½ hours. The extra cost was in the amount of $2,996.50 reference attached letter dated 20 November 1981. After a series of back and forth correspondence, the Engineering Department and the contractor came upon a mutual understanding on the cost which was negotiated down to $444.00, and this item in the Engineering Department's view is non-grant fundable.

Item #65

At the time when the contractor was in the process of connecting Phase I project to Phase II project at the intersection of Tennessee and St. Joe Boulevard, it was discovered that the 84" line constructed under Phase II was short of their contract limits. Representatives of the Phase II contractor were notified and after several discussions between the two contractors and the Engineering Department, it seemed that there was a definite misunderstanding between all parties at time of staking the projects. Since the Phase II contractor had moved out, all his equipment from the job site the Phase I contractor was then told to proceed and get the job done. The Engineering Department felt that it was in the best interest of the public to complete the job, otherwise the intersection would had to be left open for an indefinite period until the matter could be resolved.

The contractor submitted extra costs for the additional work, which involved an additional one-half day excavating sheeting and shoring measures had to be taken to insure the integrity of the Tennessee Avenue Bridge. This was a much difficult operation and the contractor was faced with a different installation and not a typical pipe installation. Therefore, the cost submitted is just compensation for the work performed, which was finally completed on a weekend. (See attached letter for detail cost breakdown). This item is stated in this change order as non-grant eligible.

Items #66, 67 and 68

All the above items are related to lowering and/or raising street grades along Tennessee Avenue (reference attached letter dated 20 November 1981). The lowering and raising was done so the new sidewalk and street grades could be compatible with the established curb height. After months of discussions with the contractor, the Engineering Department feels that the contractor is justified for some compensation.since grade changes constitute somewhat improvment to the the street these items are also listed as non-grant eligible.

Item #66 was negotiated down to $ 80.00 from $ 109.48
Item #67 was negotiated down to $1790.00 from $3,565.51
Item #68 was negotiated down to $2444.00 from $5,762.26

Item #69

Due to unforseen circumstances, the subcontractor on this project was held up on several occasions in completing his work (reference attached letters from the prime contractor and the subcontractor). Consequently, the contractor submitted downtime costs on four separate instances. After months of back and forth discussions, the Engineering Department finally agreed to reimburse the contractor on two instances; i.e., Lake Avenue and Morton and Tilden. The costs on these two instances were also reduced to $1,572.28 from $3,762.52.The rest of the costs in the amount of $1,728.59 were denied. These costs are also listed in this change order as non-grant fundable.

Item #70

During the course of construction and at the time when the contractor was starting to relocate existing sewers on Tennessee Avenue, it was brought to the attention of the Engineering Department that the contractor was planning on using Truss Pipe for the relocation of existing sewers. Being in an old area where there are all combination sewers and/or storm sewers, the Engineering Department changed the specifications and refused to let the contractor use Truss Pipe and consequently, directed the contractor to use concrete pipe only for all storm sewers because of Engineering reasons. Prior to that the contractor was told that he would be able to use truss pipe on all relocations not knowing the facts that there would be storm sewers involved. Hence, the contractor was faced with approximately 500 LF of 12" Truss Pipe stored on the job site unable to use it. The City, therefore, made arrangmenets with the contractor to buy the pipe outright from the contractor to be used on a different project and agreed to reimburse the contractor for delivery of the 12" Truss Pipe plus the material cost. This item is not federally funded and is stated in the change order as non-grant fundable.

PROJECT: ST. JOE INTERCONNECT INTERCEPTOR

ORIGINAL CONTRACT – $3,059,065.00

REVISED CONTRACT – $3,492,331.06

FINAL QUANTITIES

FEDERAL GRANT – C-180599-C

RESOLUTION – 310-80 Phase I

ITEM	DESCRIPTION	ORIGINAL BID UNITS	UNIT PRICE	C.O. NO.	CHANGE ORDER UNITS +/-	REVISED ESTIMATED QUANTITIES	FINAL QUANTITIES	EXTENSION FINAL CONTRACT
1	84" RCP CL III ASTM C-76	3,705± LF	255.00	2	(24± LF)	3,681± LF		
				10	(47.4 LF)		3,633.6 LF	926,568.00
2	84" RCP CL II ASTM C-76	3,000± LF	246.00	10	(105 LF)		2,895 LF	712,170.00
3	68" x 106" RCP HE III ASTM C-76	1,325± LF	336.00	10	(25 LF)		1,300 LF	436,800.00
4	Special Str. SJ-1, 6 and 7	3± EA	16,000.00	1	(3± EA)	None		
5	Special Str. SJ-2	1± EA	14,600.00	1	(1± EA)	None		
6	Special Str. SJ-3	1± EA	8,750.00	1	(1± EA)	None		
7	Special Str. SJ-4, 5, and 11	3± EA	14,600.00	1	(3± EA)	None		
8	Special Str. SJ-8 and 9	2± EA	13,400.00	1	(2± EA)	None		
9	Special Str. SJ-10	1± EA	16,170.00	1	(1± EA)	None		
10	#53 or #73 Special Backfill	4,640± CY	10.75	7	6,300± CY	10,940± CY		
				10	(418.26 CY)		10,521.74CY	113,108.71
10*	#53 or #73 Special Backfill	None	10.75	10	395 CY		395 CY	4,246.25
11	Tunnelling (Anthony Boulevard)	65± LF	1,125.00	10	7 LF		72 LF	81,000.00
12	HAC Base 440 #/SYD	1,730± Tn	28.00	10	196.65 Tn		1,926.65Tn	53,946.20
12*	HAC Base 440 #/SYD	None	28.00	10	232 Tn		232 Tn	6,496.00
13	HAC Binder 330 #/SYD	1,330± Tn	26.00	10	(203.43Tn)		1,126.57Tn	29,290.82
13*	HAC Binder 330 #/SYD	None	26.00	10	167 Tn		167 Tn	4,342.00
14	HAC Surface 220 #/SYD	1,450± Tn	29.00	10	(388.6 Tn)		1,061.4 Tn	30,780.60
14*	HAC Surface 220 #/SYD	None	29.00	10	66 Tn		66 Tn	1,914.00
15	Concrete Curb Replacement	3,000± LF	9.00	4	3,500± LF	6,500± LF		
				6	1,665± LF	8,165± LF		
				10	(678.69 LF)		7,486.31LF	67,376.79
15*	Concrete Curb Replacement	None	9.00	10	675 LF		675 LF	6,075.00
16	4" Sidewalk Replacement	6,200± SF	2.65	5	9,000± SF	15,200± SF		
				6	1,975± SF	17,175± SF		
				10	(2,466.70)		14,708.30	38,977.00

PROJECT - ST. JOE INTERCONNECT INTERCEPTOR

ORIGINAL CONTRACT - $3,059.065.00

REVISED CONTRACT - $3,492.331.06

FINAL QUANTITIES

FEDERAL GRANT-C-180599-(

RESOLUTION - 310-80 Phase I

ITEM	DESCRIPTION	ORIGINAL BID UNITS	UNIT PRICE	C.O. NO.	CHANGE ORDER UNITS +/-	REVISED ESTIMATED QUANTITIES	FINAL QUANTITIES	EXTENSION FINAL CONTRACT
16*	4" Sidewalk Replacement	None	2.65	10	2,683 SF		2,683 SF	7,109.95
17	6" Wingwalk Replacement	1,000± SF	2.75	6	2,880± SF	3,880± SF		
				10	(103.65SF)		3,776.35SF	10,384.96
17*	6" Wingwalk Replacement	None	2.75	10	(103 SF		103 SF	283.25
18	12" Sewer Pipe Removal and/or							
	Replacement Relocation w/RCP CL IV	1,300± LF	18.00	10	(38.5 LF)		1,261.5 LF	22,707.00
19	6"-10" Sewer Pipe Remove. Replace.	500± LF	18.00	10	132 LF		632 LF	11,376.00
20	Removal of 18" Sewer Pipe	200± LF	5.00	10	(193 LF)		7 LF	35.00
21	Exist. 48" - 2 Ring Brick Sewer							
	to be replaced and sliplined w/42"							
	steel liner plate (all labor and							
	grouting included)	50± LF	270.00	10	(14 LF)		36 LF	9,720.00
22	Exist. 30" Sewer to be replaced with							
	30" RCP CL IV	30± LF	65.00	10	(5 LF)		25 LF	1,625.00
23	Std. MH Type II-A (84")	1± EA	4,900.00				1 EA	4,900.00
24	Std. MH Type I-A	4± EA	1,870.00	10	8 EA		12 EA	22,440.00
25	Std. Inlet Type I-C, D, E, or F	20± EA	670.00	10	(10 EA)		10 EA	6,700.00
26	Std. Catchbasin Type I-A	4± EA	1,215.00	10	6 EA		10 EA	12,150.00
27	72" RCP Removal and Replace.	25± LF	237.00	10	(25 LF)			
28	42" RCP Removal and Replace.	25± LF	122.00	10	(25 LF)			
29	21" RCP Culvert Extension	65± LF	30.00	10	15 LF		80 LF	2,400.00
30	21" Sewer Pipe Replacement	50± LF	40.00	10	(28 LF)		22 LF	880.00
31	12" C.L.D.I.P. Class 51	50± LF	45.00	10	(26.5 LF)		23.5 LF	1,057.50
32	18" C.L.D.I.P. Class 51	50± LF	50.00	10	20.5 LF		70.5 LF	3,525.00
33	Seeding and 2" Mulch	20,000± SY	0.50	10	4,080.09SY		24,080.09SY	12,040.05
34	Dewatering	5,000± LF	5.00	7	3,610± LF	8,610± LF		
				10	(670.5 LF)		7,939.5 LF	39,697.50

PROJECT: ST. JOE INTERCONNECT INTERCEPTOR

ORIGINAL CONTRACT — $3,059,065.00

REVISED CONTRACT — $3,492,331.06

FINAL QUANTITIES

FEDERAL GRANT-C-180599-0

RESOLUTION — 310-80 Phase I

ITEM	DESCRIPTION	ORIGINAL BID UNITS	UNIT PRICE	C.O. NO.	CHANGE ORDER UNITS +/-	REVISED ESTIMATED QUANTITIES	FINAL QUANTITIES	EXTENSION FINAL CONTRACT
34*	Dewatering	None	5.00	10	667.7 LF		667.7 LF	3,338.50
35	Field Office - Complete	1± EA	LS 6,000.00				Lump Sum	6,000.00
36	84" RCP Class IV ASTM C-76	30± LF	225.00	10	2 LF		32 LF	7,200.00
37	Modification and add to existing str.							
	inc. all misc. work	Lump Sum	31,000.00				Lump Sum	31,100.00
38	Base Stabilization	1,850± CY	8.00	10	176.45 CY		2,026.45CY	16,211.60
39	6" Concrete Driveways	500± SY	19.00	6	250± SY	750± SY		
				10	(165.83 SY)		584.17SY	11,099.23
39*	6" Concrete (Driveways)	None	19.00	10	161 SY		161 SY	3,059.00
40	4" Asphalt (Driveways)	200± SY	18.00	6	(200 SY)	None		
41	Water Main Replace & Relocate	3,600± LF	35.00	7	(660± LF)	2,940± LF		
				10	(2.26LF)		2,937.74LF	102,820.90
42	Gas Line Replace. & Relocate	3,200± LF	37.00	9	1,612.5± LF	4,812.5 ±LF	4,812.5 LF	178,062.50
43	Underground Cable & Conduit Replace							
	and Relocate inc. of bracing poles							
	and precast MH Replacement	250± LF	70.00	8	285± LF	535± LF		
				10	(2 LF)		533 LF	37,310.00
44*	Replace of Trees (3" Diameter)	20± EA	630.00	3	55± EA	75± EA		
				10	(2 EA)		73 EA	45,990.00
45	Precast Special Str. SJ-1 and 6	None	16,613.00	1	2± EA		2 EA	33,226.00
46	Precast Special Str. SJ-7	None	14,355.00	1	1± EA		1 EA	14,355.00
47	Precast Special Str. SJ-2	None	19,661.00	1	1± EA		1 EA	19,661.00
48	Precast Special Str. SJ-3	None	12,047.21	1	1± EA		1 EA	12,047.21
49	Precast Special Str. SJ-5	None	13,029.00	1	1± EA		1 EA	13,029.00
50	Precast Special Str. SJ-8 & 9	None	12,049.00	1	2± EA		2 Ea	24,098.00
51	Precast Special Str. SJ-10	None	16,118.00	1	1± EA		1 EA	16,118.00

PROJECT: St. Joe Interconnect Interceptor
ORIGINAL CONTRACT — $3,059,065.00
REVISED CONTRACT — $3,492.331.06

FINAL QUANTITIES

FEDERAL GRANT-C-180599-(
RESOLUTION — 310-80 Phase I

ITEM	DESCRIPTION	ORIGINAL BID UNITS	UNIT PRICE	C.O. NO.	CHANGE ORDER UNITS +/-	REVISED ESTIMATED QUANTITIES	FINAL QUANTITIES	EXTENSION FINAL CONTRACT
52	Precast Special Str. SJ-11	None	14,182.00	1	1± EA		1 EA	14,182.00
53	84" RCP CL III 7½° Radius Pipe	None	769.00	1	1± EA		1 EA	769.00
54	Concrete Encasement	None	5,595.00	2	1± EA		1 EA	5,595.00
55	Tunneling under 72" Exist. Box Culv	None	1,617.00	2	24± EA		24 LF	38,808.00
56	Special Backfill "B" Borrow	None	9.00	2	5,000± CY	5,000± CY		
				10	(402 CY)		4,598 CY	41,382.00
57*	Lowering of 84" Sewer	None	17.52	3	1,320± LF	1,320± LF		
				10	77 LF		1,397 LF	24,475.44
58	6" Concrete Pavement Removal	None	6.00	4	10,625± SY	10,625± SY		
				10	(646.5 SY)		9,978.5 SY	59,871.00
58*	6" Concrete Pavement Removal	None	6.00	10	1,288 SY		1,288 SY	7,728.00
59	Line cutting	None	3.80	4	844± LF	844± LF		
				10	(47 LF)		797 LF	3,028.60
60	8" Concrete Driveways	None	24.00	5	300± SY	300± SY		
				10	30.39 SY		330.39 SY	7,929.36
60*	8" Concrete Driveways	None	24.00	10	54 SY		54 SY	1,296.00
61	Soil Borings	None	LS 1,386.00	7	Lump Sum		Lump Sum	1,386.00
62*	Remove and Replace old Castings	None	96.00	8	7± EA		7 EA	672.00
63	Bulkhead Removal @ Exist. Sr.	None	Lump Sum	10	Lump Sum		Lump Sum	16,187.63
64*	GasMain Obstruction @ Tennessee	None	Lump Sum	10	Lump Sum		Lump Sum	444.00
65*	Pipe Footage Discrepancy between							
	Contracts Phase I and II	None	Lump Sum	10	Lump Sum		Lump Sum	3,924.86
66*	Raising of Sidewalk grade at							
	Church and Crescent	None	Lump Sum	10	Lump Sum		Lump Sum	80.00
67*	Raise sidewalk grade along Tennessee							
	on north side	None	Lump Sum	10	Lump Sum		Lump Sum	1,790.00

PROJECT: ST. JOE INTERCONNECT INTERCEPTOR

ORIGINAL CONTRACT - $3,059,065.00

REVISED CONTRACT - $3,492,331.06

FINAL QUANTITIES

FEDERAL GRANT - C-180599-0

RESOLUTION - 310-80 Phase I

ITEM	DESCRIPTION	ORIGINAL BID UNITS	UNIT PRICE	C.O. NO.	CHANGE ORDER UNITS +/-	REVISED ESTIMATED QUANTITIES	FINAL QUANTITIES	EXTENSION FINAL CONTRACT
68	Lowering of existing road grade							
	along Tennessee	None	Lump Sum	10	Lump Sum		Lump Sum	2,444.00
69*	Downtime Costs incurred on Lake							
	and Morton/Tilden	None	Lump Sum	10	Lump Sum		Lump Sum	1,572.28
70*	Delivery of 12" Truss Pipe	None	Lump Sum	10	Lump Sum		Lump Sum	2,892.41
	FINAL CONTRACT PRICE							3,493,306.10
	*Partially or fully non-grant							
	eligible items, See Supplement							
	Sheet for Summary							

PROJECT: ST. JOE INTERCONNECT INTERCEPTOR

FEDERAL GRANT - C-180599-(

RESOLUTION - 310-80 Phase I

SUPPLEMENT

NON-GRANT ELIGIBLE ITEMS

ITEM	DESCRIPTION	UNIT	UNIT PRICE	EXTENSION
10	#53 or #73 Special Backfill	395 CY	10.75	4,246.25
12	HAC Base 440 #/SYD	232 Tn	28.00	6,496.00
13	HAC Binder 330 #/SYD	167 Tn	26.00	4,342.00
14	HAC Surface 220 #/SYD	66 Tn	29.00	1,914.00
15	Concrete Curb Replacement	675 LF	9.00	6,075.00
16	4" Sidewalk Replacement	2,683 SF	2.65	7,109.95
17	6" Wingwalk Replacement	103 SF	2.75	283.25
34	Dewatering	667.7 LF	5.00	3,338.50
39	6" Concrete (Driveways)	161 SY	19.00	3,059.00
44	Replacement Trees (3" Dia) Per Corps App. C.O. #3	N/A	N/A	17,490.00
57	Lower. of 84" Sewer per Corps APP. CO. #3	N/A	N/A	6,474.40
58	6" Concrete Pave. Removal per Corps APP. CO #4	1,288 SY	6.00	7,728.00
60	8" Concrete (Driveways)	54 SY	24.00	1,296.00
62	Remove and Replace old castings per Corps APP CO#	7 EA	96.00	672.00
64	Gas Main Obstruction on Tennessee	Lump Sum	Lump Sum	444.00
65	Pipe footage discrepancy between contracts on Phases I and II	Lump Sum	Lump Sum	3,924.86
66	Raise of sidewalk grade @ Church and Crescent	Lump Sum	Lump Sum	80.00
67	Raise of sidewalk grade along Tennessee on north side	Lump Sum	Lump Sum	1,790.00
68	Lower. of exist. road grades along Tennessee	Lump Sum	Lump Sum	2,444.00
69	Downtime costs incurred on Lake and Morton/Tilden	Lump Sum	Lump Sum	1,572.28
70	Delivery of 12" Truss Pipe	Lump Sum	Lump Sum	2,892.41
	TOTAL NON-GRANT ELIGIBLE COSTS			$83,671.90

PROJECT: ST. JOE INTERCONNECT INTERCEPTOR

FEDERAL GRANT - C-180599-0

RESOLUTION - 310-80 Phase I

SUPPLEMENT

NON-GRANT ELIGIBLE ITEMS

ITEM	DESCRIPTION	UNIT	UNIT PRICE	EXTENSION
	COST SUMMARY			
	Federal EPA Share 75%			$2,557,225.65
	Indiana State Board of Health Share 10%			$ 340,963.42
	City of Fort Wayne Share 100% + 15% Costs			$ 595,117.03
	TOTAL CONTRACT PRICE			$3,493,306.10
	NOTE: TOTAL MBE Participation was 9.62%			
	($336,230.63) of the final contract			

BILL NO. S-83-02-15

REPORT OF THE COMMITTEE ON CITY UTILITIES

WE, YOUR COMMITTEE ON City Utilities TO WHOM WAS REFERRED AN ORDINANCE approving Change Order No. 10 and FINAL, Resolution No. 310-80 Phase I, St. Joe Interceonnect, St. Joe Study Area C-180599-06, in connection with the Board of Public Works

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE DO PASS.

VICTURE L. SCRUGGS, CHAIRMAN — Victure L. Scruggs

SAMUEL J. TALARICO, VICE CHAIRMAN — Samuel J. Talarico

DONALD J. SCHMIDT

MARK E. GiaQUINTA

PAUL M. BURNS

2-22-83
DATE

CONCURRED IN
CHARLES W. WESTERMAN, CITY CLERK

TITLE OF ORDINANCE Change Order #10 on Res. 310-80 Phase I, St. Joe Interconnect, St. Joe Study Area C-180599-06 6169

DEPARTMENT REQUESTING ORDINANCE Board of Public Works I-83-02-15

SYNOPSIS OF ORDINANCE This is a close out change order to adjust the estimated quantities in the contract unit price to agree with actual quantities installed under this project. Contractor is Rocco Ferrera & Inc.

EFFECT OF PASSAGE Completion of project.

EFFECT OF NON-PASSAGE

MONEY INVOLVED (DIRECT COSTS, EXPENDITURE, SAVINGS) Increase $975.04

ASSIGNED TO COMMITTEE